

19971103.ba v01_n754.bam.971103 v01_n755.bam.971103

>From ???@??? Tue Nov 04 02:21:56 1997
Message-Id: <199711031816.MAA26591@sco.theporch.com>
Date: Mon, 3 Nov 1997 12:16:48 CST
Subject: BOATANCHORS digest 1754

BOATANCHORS Digest 1754

Topics covered in this issue include:

- 1) WTB: RCA BTA-1M
by "Bruce J. Howes KG2IC" <bhowes@buffnet.net>
- 2) HT-32 Meter
by "Allan Fritsche" <fritsche@classic.msn.com>
- 3) BW5100B
by Bob Login <jlogin@gville.mindspring.com>
- 4) Knight T-60 novice? transmitter
by "Lawrence R. Ware" <lrware@pipeline.com>
- 5) Knobs for Eldico Twins
by "David L. Thompson" <thompson@mindspring.com>
- 6) Re: Average Price Information
by Gary Harmon <gharmon@txdirect.net>
- 7) 12BW4's wanted
by Dexter Francis <cwest@xmission.com>
- 8) RE: Nice DSP for Boatanchors
by Ken Gordon <keng@uidaho.edu>
- 9) RE: Nice DSP for Boatanchors
by JD <k1zat@dsport.com>
- 10) FS/FT: HP608 Attenuator
by rlahlum@juno.com (Ross J Lahlum)
- 11) NC-300 Manual
by Larry Wolken <rhys@ix.netcom.com>
- 12) Re: Gibson Girl
by Paul Nelson <drhydro@ames.net>
- 13) Power Transmission
by JOlson8590@aol.com
- 14) Re: Gibson Girl
by "Mike B. Feher" <n4fs@monmouth.com>
- 15) 4CX1000A answers
by "Cal J. Eustaquio" <ceustaqu@polymail.cpunix.calpoly.edu>
- 16) Re: 25hz transformers --> audio transformers
by Morris Odell <morriso@vifp.monash.edu.au>
- 17) Re: Power Transmission
by Dan Arney <kn6di@groupone.net>
- 18) Manuals wanted &FS
by gcr2@po.CWRU.Edu (George C. Rybicki)
- 19) RE: Nice DSP

- by Laird Tom N <LairdTomN@JDCORP.deere.com>
- 20) RBL-5 manual needed
by Tom Norris <badger@telalink.net>
- 21) Power Systems
by Andre Guibert <aguibert@sympatico.ca>
- 22) transmission AC-DC
by "Paul Bernhard" <W2TU@classic.msn.com>
- 23) safety first! (long)
by "Paul Bernhard" <W2TU@classic.msn.com>
- 24) Re: safety first! (long)
by jackiv@juno.com (John M Iverson)
- 25) Pioneer Electric Sideband Selector Unit Type S-6
by "Bob Duckworth" <wb4mnf@atl.org>
- 26) Re: transmission AC-DC
by Scott Townley <nx7u@primenet.com>
- 27) Gibson's Matronly Sister
by afpgreg@state.me.us (Paul V. Gregory)
- 28) HV power: not a BA topic
by Jim Lockwood <jmlckwd@mindspring.com>
- 29) Unidentified Atwater Kent
by "Francis J. Townsend, III" <ftownsen@access.digex.net>
- 30) RE: KWM-1 problem
by JONWEINER@aol.com
- 31) National 600 Watt xmtr
by Brian.Harris@sv.sc.philips.com (Brian Harris)
- 32) need email id's
by Brian.Harris@sv.sc.philips.com (Brian Harris)
- 33) War Secrets In The Ether
by don merz <71333.144@compuserve.com>

Date: Sun, 02 Nov 1997 18:59:02 -0400
From: "Bruce J. Howes KG2IC" <bhowes@buffnet.net>
To: Boat Anchors Mailing List <boatanchors@theporch.com>
Subject: WTB: RCA BTA-1M
Message-ID: <345D05B6.EB1D6D77@buffnet.net>

I am still looking for a clean RCA BTA-1M Broadcast Transmitter for use on 160 meters.
Ideally, the unit should be in very clean cosmetic condition, but I will also consider non-working, or parts units.
This is for personal use in my shack, and the unit will have a good home.

I am located in Buffalo, NY, but I will drive and pickup the right unit.

If you have, or know someone does has, a RCA BTA-1M please contact me

via email
at kg2ic@amsat.org. Or call 716/625-8800.

Thank you!

73,

Bruce KG2IC

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+-----o00--(_)--00o-----+
: Bruce J. Howes KG2IC      email:kg2ic@amsat.org      :
: AMSAT-NA Area Coordinator  web:http://www.buffnet.net/~bhowes :
: ARMY MARS AAR2AJ          fax:(716) 689-2880          :
+-----o00--(_)--00o-----+
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Date: Mon, 3 Nov 97 00:20:54 UT
From: "Allan Fritsche" <fritsche@classic.msn.com>
To: boatanchors@theporch.com
Subject: HT-32 Meter
Message-ID: <UPMAIL03.199711030021350713@classic.msn.com>

Well Gang, still looking for an HT-32 meter or advise about a replacment.
It's simply a regular meter wired with a shunt to show power.....
As they say in the manual... tune for maximum power...
Regardless if the finals smoke.

Your Friend Al
fritsche@classic.msn.com
KD5CML

Date: Sun, 02 Nov 1997 20:34:05 -0500
From: Bob Login <jlogin@gville.mindspring.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BW5100B
Message-ID: <199711030148.UAA10397@brickbat8.mindspring.com>

Hi Fellow BA's--Been using this rig on AM with no problem.
Suddenly on CW its shifting dots so that I appear to other stations
as if I'm sending only dashes and no dots. Anyone had similar
problem or can recommend cure. I think that the buffer is keyed
and a cap is out in that stage. Hve checked buffer tubes but don't hve
new ones to be absolutely sure. Tnx & 73's Bob AA8A

Date: Sun, 02 Nov 1997 21:17:24 +0000
From: "Lawrence R. Ware" <lrware@pipeline.com>
To: boatanchors@sco.theporch.com
Subject: Knight T-60 novice? transmitter
Message-ID: <3.0.32.19971102211716.006de3a4@pop.pipeline.com>

Good evening folks, the ever increasing flotsam gathering here
in central Florida now includes an interesting little transmitter
I bought at a hamfest this weekend. A Knight T-60. Not sure if this
was a kit or factory unit. Was this sold as a kit?
Has a single 6DQ6 final, so maybe 20W out?
Does CW or AM, crystal or external VFO controlled.
Looks to me like an entry level novice transmitter.

I think I'll clean this thing up and get it working before I try
to find it a proper home.

So, if someone would be kind enough to photocopy a manual for me;
I'll be happy to pay copy, postage, etc.

Thanks,

-Larry Ware
lrware@pipeline.com
Orlando, Florida

Date: Sun, 2 Nov 1997 21:50:12 -0500 (EST)
From: "David L. Thompson" <thompson@mindspring.com>
To: boatanchors@sco.theporch.com
Subject: Knobs for Eldico Twins
Message-ID: <1.5.4.16.19971102225038.3857137a@pop.mindspring.com>

I have the Eldico twins (often called the Collins clones) in the complete
fixed station system package. The main problem with this gear is the very
stiff tuning system. One can wear out their hand and wrist just tuning
moderately about each band.

Does anyone have suggestions about modifying or at least using spinner knobs for the twins?

73, Dave K4JRB
thompson@mindspring.com

Date: Sun, 02 Nov 1997 20:59:45 -0600
From: Gary Harmon <gharmon@txdirect.net>
To: COLLINS@LISTSERV.TEMPE.GOV
Cc: boatanchors@theporch.com, BOATANCHORS@LISTSERV.TEMPE.GOV
Subject: Re: Average Price Information
Message-ID: <3.0.3.32.19971102205945.006e0838@mail.txdirect.net>

A week or so ago I posted an email to the Collins List, Boat Anchors List and Jack's fee for service list. I received a total of 5 responses. Here are the replies from those who took the time to respond.....

1. 75A-1, condx 8: value \$200.00 to \$500 (\$350 average)
2. 32V-1, condx 8: value \$250 to \$500 (\$375 average)
3. 32S3/75S3 w CW filter/516F2, condx 9.5: set value \$700 to \$1,400 (\$1,050 average)
4. SM-1 mike, condx 8: value \$100 to \$300 (\$200 average)
5. MM-1 mike, condx 8: value \$60 to \$100 (\$80 average)

Note.....even though not requested, offers were received for \$500 on 1 & 2 and \$300 on 4. The results of this survey have been forwarded to my friend with the equipment.

Thanks to those who responded.

73,
gary

=====
Gary H. Harmon, Jr., K5JWK
6302 Robin Forest
San Antonio, TX 78239-3218
(210) 657-1549

gharmon@txdirect.net

+Too Many Projects, Not Enough Time!
++Better to Have and Not Need than to Need and Not Have!
+++Pack Unto Others As You Would Have Them Pack Unto You!

Date: Sun, 02 Nov 1997 20:33:34 -0700
From: Dexter Francis <cwest@xmission.com>
To: boatanchors@theporch.com
Subject: 12BW4's wanted
Message-ID: <345D460B.28CE@xmission.com>

Greetings all -

I have a small power supply project I'm starting and would like to get some 12BW4's to experiment with. Anyone have any of these in your spares bin? It's a miniature 9 pin full wave rectifier that was used in B+W & Color TV's mostly. Will trade or pay cash, of course.

-df

Visit our Web site at <http://www.xmission.com/~cwest/>
e-mail to: tubes@usa.net -or- cwest@xmission.com
(P.O. Box 22443, Salt Lake City, Utah 84122)

Date: Sun, 2 Nov 1997 20:11:54 -0800 (PST)
From: Ken Gordon <keng@uidaho.edu>
To: Ed Sieb <esieb@gmsiworld.com>
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: Nice DSP for Boatanchors
Message-ID: <Pine.BSF.3.95.971102200951.3238A-1000000@piobaire.mines.uidaho.edu>

> For Ken and others now scouring the continent for these DSP's:
>
> The Radio Shack "part number" or "SKU" number as the employees call it is:
21-543
>

Thanks, Ed. My local RS outlet quoted me a price of \$49.95 for that SKU and told me that they were on sale from an original price of \$79.95. I think the guy I talked to was reading the wrong line (!) since everyone else here has bought them for under \$10.00. In any case, I will check

tomorrow.

Ken

Date: Sun, 2 Nov 1997 23:04:22 -0500 (EST)
From: JD <k1zat@dsport.com>
To: Ken Gordon <keng@uidaho.edu>
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: Nice DSP for Boatanchors
Message-ID: <Pine.GS0.3.95.971102230214.17480E-1000000@puff>

Ken-

On Sun, 2 Nov 1997, Ken Gordon wrote:
> Thanks, Ed. My local RS outlet quoted me a price of \$49.95 for
> that SKU and told me that they were on sale from an original
> price of \$79.95. I think the guy I talked to was reading the
> wrong line (!) since everyone else here has bought them for
> under \$10.00. In any case, I will check tomorrow.

Could well be a correct price. Rip-Off-Shack in this area
(DC Metro) are dumping them as discontinued products and will
take just about whatever someone offers. I got mine about
about two months ago for \$30..

jd

Date: Sun, 2 Nov 1997 22:10:02 -0600
From: rlahlum@juno.com (Ross J Lahlum)
To: baswaplist@foothill.net, boatanchors@theporch.com
Subject: FS/FT: HP608 Attenuator
Message-ID: <19971102.221003.6710.0.rlahlum@juno.com>

Shack cleaning time, folks!
A lot of stuff has got to go.
Here's the first item:
1 each 608A-34 Attenuator for an HP 608x
signal generator. I'm not sure if the p/n means it's
for a 608A or not.
Has bulkhead-type N connector on one end of
a coax, and the attenuator guts on the other end.

Appears to be NIB.

Open to offers, cash or trade for filter chokes or hi-voltage oil caps.

73,

Ross KB9JJR

rlahlum@juno.com

Date: Sun, 2 Nov 1997 22:36:13 -0600 (CST)
From: Larry Wolken <rhys@ix.netcom.com>
To: boatanchors@theporch.com
Subject: NC-300 Manual
Message-ID: <1.5.4.16.19971102233707.10af1a38@popd.ix.netcom.com>

Hi Gang --

Fall file cleaning has surfaced a copy of a manual for an NC-300 along with the (fairly numerous) service bulletins. Quality is so-so but legible. First come, gets it. Just need a \$3.00 stamp to cover postage.

Larry Wolken N30JD

Date: Sun, 2 Nov 1997 23:53:25 -0500
From: Paul Nelson <drhydro@ames.net>
To: David Prince <davprin@gil.com.au>
Cc: boatanchors@theporch.com
Subject: Re: Gibson Girl
Message-ID: <v03010d02b083062b010a@[206.29.126.91]>

David, what a wonderful and authoritative piece on the BC-778/CRT-3
thank you for the background.

When I was a kid, I had a BC-778 to play with.... my Dad had a barnful of surplus, and I used the box kites all through gradeschool.... I was the wonder of the playground because of these wonderful silk and aluminum things. The balloons were great, too... there was a seeming never-ending supply of them and their hydrogen generators, and we'd fill a 55-gallon drum full of water and immerse a hydrogen generator in it... fill a balloon, and fly it for the day.

One day I was out in the yard playing with the Gibson Girl..cranking the generator, looking at the lights blink. I was about seven or eight years old.. and my dad came out and took it away from me. Said he'd heard that

the airport had picked up an SOS and that they were looking for the source.... I went underground and haven't surfaced since!

(I traded a B-29 auxiliary power unit- a 2-cylinder Ranger engine with a 200 amp generator- for my first nine hours of flying dual instruction...)

Paul Nelson W5GNF
Ames, Iowa

"When I go, I want to go quietly, in my sleep, like my grandfather- not screaming, like his passengers."

(DrHydro@ames.net)

Cessna 140 N77149

"More hay, Trigger?"

"No thanks, Roy, I'm stuffed."

Date: Mon, 3 Nov 1997 00:15:24 -0500 (EST)
From: JOlson8590@aol.com
To: boatanchors@theporch.com
Subject: Power Transmission
Message-ID: <971103001256_85258953@emout10.mail.aol.com>

Our local REC recently had an article in their News Bulletin that discussed modern power transmission techniques. Apparently, more and more of the really HIGH voltage and high current long distance power transmission lines are DC. The losses in transmission are significantly less. Then, at the receiving end, big DC to AC convertors are used to get back to the "normal" 60 hz AC for shorter distance power distribution.

Just passing on what they told us.

Any comments?

Jean Olson
JOlson8590@AOL.com
Out in the Boonies, near
Cambridge, Iowa

Date: Mon, 3 Nov 1997 00:16:46 -0800
From: "Mike B. Feher" <n4fs@monmouth.com>
To: <drhydro@ames.net>, "Old Tube Radios" <boatanchors@theporch.com>
Subject: Re: Gibson Girl
Message-ID: <199711030512.AAA05605@shell.monmouth.com>

Just a word of caution. All that brown stuff you see on the front for

labeling is radium. I have a Geiger counter in the shack as I collect a lot of W.W.II stuff and a lot of our sets used lots of radium on the front panel. My Japanese sets are the worst although there are a few US sets that are pretty bad. I did not realize the Gibson Girl was so bad, or that it even contained radium, till one day when I was cleaning mine this brown stuff started flaking off. Quickly I put two and two together grabbed my Geiger counter and it went crazy. So.... be careful especially if you clean it. Do not get the stuff on your hands and then into your mouth.

73s - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-901-9193

Date: Sun, 2 Nov 1997 21:58:45 -0800 (PST)
From: "Cal J. Eustaquio" <ceustaqu@polymail.cpunix.calpoly.edu>
To: boatanchors@theporch.com
Subject: 4CX1000A answers
Message-ID: <Pine.HPP.3.96.971102215656.17390A-100000@monet.artisan.calpoly.edu>

My thanks to all who provided sage advice on the 30-S1 tube questions. Very greatly appreciated. However, since I do not have the amp on hand, I am refraining from making any purchases until that 'S-1 is safely in my shack. Again, thanks to all. Cal, N6KYR.

Date: Mon, 03 Nov 1997 20:17:48 +1100
From: Morris Odell <morriso@vifp.monash.edu.au>
To: richardlo@devax.admin.athabascau.ca
Cc: boatanchors@sco.theporch.com
Subject: Re: 25hz transformers --> audio transformers
Message-ID: <345D96BC.359A@vifp.monash.edu.au>

Richard Loken wrote:

>
> >
> > OTOH, I've always had a bit of trouble understanding how audio
> > transformer impedances are defined. You'd think they would work OK at
> > other impedance levels but they don't seem to like it.
>

> Yes, this is what the Audiocyclopedia says as well, don't run an audio
> transformer more than 15% outside its design impedance because the response
> goes all to hell.

<snip>

Yes that's true within limits but of course there's usually a fair whack of negative feedback around the amplifier to smooth out these sorts of misbehaviours. I did some experiments some time ago with a "classic" 6SJ7/6V6 amplifier to see whether cheap TV frame output transformers could be used as output transformers and found that they worked remarkably well - virtually indistinguishable from the real thing with nfb and not even so different without it.

73 de Morris VK3DOC

Date: Mon, 03 Nov 1997 03:47:07 -0800
From: Dan Arney <kn6di@groupone.net>
To: J0lson8590@aol.com
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Power Transmission
Message-ID: <345DB9BA.4456EEBF@groupone.net>

J0lson8590@aol.com wrote:

They are up to 735,000VDC and some above 800.000 they are testing.

Hank KN6DI

> Our local REC recently had an article in their News Bulletin that
> discussed
> modern power transmission techniques. Apparently, more and more of the
> really
> HIGH voltage and high current long distance power transmission lines
> are DC.
> The losses in transmission are significantly less. Then, at the
> receiving
> end, big DC to AC convertors are used to get back to the "normal" 60
> hz AC
> for shorter distance power distribution.
>
> Just passing on what they told us.
>

> Any comments?
>
> Jean Olson
> JOlson8590@AOL.com
> Out in the Boonies, near
> Cambridge, Iowa

Date: Mon, 3 Nov 1997 07:49:26 -0500 (EST)
From: gcr2@po.CWRU.Edu (George C. Rybicki)
To: boatanchors@sco.theporch.com
Subject: Manuals wanted &FS
Message-ID: <199711031249.HAA23917@kanga.INS.CWRU.Edu>

Original manual for National NC 125 good condition \$15 + sh
Original manual for Henry Tempo 1 Good condition \$15 + sh

Looking for a Hallicraters SX 28A manual or Copy
Looking for a Heath PS4 manual, copy or schematic.

Thanks George

Date: Mon, 3 Nov 1997 07:35:04 -0600
From: Laird Tom N <LairdTomN@JDCORP.deere.com>
To: "'BA'" <boatanchors@theporch.com>
Subject: RE: Nice DSP
Message-ID: <0958DD57326BD011813300805FBE98DA01DCDEB2@e90corp2.dx.deere.com>

> Subject: Re: Nice DSP for Boatanchors (fwd)
>
> > Could you PLEASE provide us with the RS part number, as in 26-172
> (not
> > the real number, guys) or some such ?
> >
> > Ken W7EKB

> 21-543 (according to my local sales-droid). No luck finding it here.
>

Radio Shack discontinued the earlier version of their DSP and

closed them

out for \$35 about a year ago. I was fortunate enough to get one.

They replaced it with a newer model, but the price went back up to the original asking price of \$79(I think). Not sure if they still carry the later version or not? They work well as an outboard amp for the R-390A.

Tom Laird WC9M Moline, IL

Date: Mon, 03 Nov 1997 07:35:19 -0600
From: Tom Norris <badger@telalink.net>
To: (Recipient list suppressed)
Subject: RBL-5 manual needed
Message-ID: <3.0.3.32.19971103073519.007b2360@telalink.net>

Recently aquired a RBL-5 LF receiver and was wondering if anyone might have a manual lying about that they might be will to copy or even part with.

Thanks

Tom KA4RKT
badger@telalink.net

Might be a delay in my returning any replies due to an ongoing family medical situation, but I will retun mail asap.

Date: Mon, 3 Nov 1997 08:59:37 -0500 (EST)
From: Andre Guibert <aguibert@sympatico.ca>
To: boatanchors@theporch.com
Subject: Power Systems
Message-ID: <199711031359.IAA26213@smtp2.sympatico.ca>

Bonjour

In Canada we have 735KvAC and 500KvDC networks.

In Quebec both systems are used with DC being favored, due to long transmission lines and above all it solves the problem of synchronising with other power grids.

Synchronising is almost instantenous, think of

the problem of speeding or slowing huge alternators to match the Canadian/American grids.

The existing 735Kv terminate now in AC/DC/AC subs at the Ca/US border, there are talks of extending DC to the US.

Andre

PS Jack: Think of how many 5U4 would be required to rectify quite a few megawatts at 735 Kv

Date: Mon, 3 Nov 97 14:25:33 UT
From: "Paul Bernhard" <W2TU@classic.msn.com>
To: boatanchors@theporch.com
Subject: transmission AC-DC
Message-ID: <UPMAIL18.199711031426150896@classic.msn.com>

Read with interest the posting on the DC used in transmission. DC has been used in the states for many years, first on an experimental basis and then commercially. While using DC does cut down on the IR loss and impedance problems with long lines the benefits are somewhat compromised by the high cost of the inverters to change back and forth between AC and DC vice a very simple transformer. I would be interested to know where this is being used and how this has been solved. Possibly with the new advances in solid state devices costs have come down. Thanks for much good info for class.

Paul Bernhard
w2tu@msn.com

Date: Mon, 3 Nov 97 14:36:05 UT
From: "Paul Bernhard" <W2TU@classic.msn.com>
To: boatanchors@theporch.com
Subject: safety first! (long)
Message-ID: <UPMAIL18.199711031436470318@classic.msn.com>

All the postings on power transmission leads me to one more this morning. I remember from my classes on short circuit calculations that the only thing inhibiting the current flow in the first few cycles of a short circuit is the

resistance of the power lines and the impedance of the transformers between your house and the generating station. Quite a thought! That's why the simple little 15-20 amp breaker or fuse in your service entrance equipment in your home (if it isn't labeled otherwise) is required by UL to have an interrupting rating of 10,000 amperes! Larger fuses and breakers will have ratings of from 100,00 to 200,00+ amperes! That's a lot of current. It only takes 50 to 200mils or so through your heart muscles to kill you so that should cause some thought. That is also why us electricians have those little notches burned out of our pliers and screwdrivers from time to time. Now that winter has arrived and much more time will be spent late at night alone in workshops and basements working on boat anchors, be careful! We sometimes get careless, tired, misty eyed and that can be fatal. There is no 2nd chance with electrical shock and voltages don't really have to be that high. We need you all.

Paul Bernhard
w2tu@msn.com

Date: Mon, 3 Nov 1997 07:32:44 CST
From: jackiv@juno.com (John M Iverson)
To: W2TU@classic.msn.com
Cc: <boatanchors@sco.theporch.com>
Subject: Re: safety first! (long)
Message-ID: <19971103.073324.3470.4.jackiv@juno.com>

Paul ,as an aside to your note on safety, (please Jack) make sure that all your bench outlets are fed through ground fault circuit breakers, could save a life (yours) thanks .all 73
Jack Iverson K0EWU jackiv@juno.com RCA QCWA ARCI IEEE,LM ARRL

Date: Mon, 3 Nov 1997 11:52:41 -0000
From: "Bob Duckworth" <wb4mnf@atl.org>
To: "baswaplist" <baswaplist@foothill.net>, "ba" <boatanchors@theporch.com>
Subject: Pioneer Electric Sideband Selector Unit Type S-6
Message-ID: <199711031544.KAA25745@atl.org>

Picked up this curious piece of debris at the Stone Mountain Hamfest. Pioneer Electric Sideband Selector type S-6. Looks like a commercial piece that will do ISB,SSB,and exalted from either AM or PM source. Bunch of 6AL5's and 12AT7's, three xtal filters, and a xtal discriminator. It's a 19" rack mount about 20" tall and about 9" deep. Has a nice big VU meter, attenuator (input or output? have to dig in and

see)
fine tune, and AFC.

Curious as to whether anyone knows this bit of debris and what the IF might be (It's not marked on the IF cans of xtal filters). Cursory exam suggests that
IF selectivity is from cans and filters are strictly for sideband separation.

Also glommed a small Western Electric bit that has a 2" or so scope tube in it.

It's a 164C-4 Test Set

Label says, "warning, chassis at telegraph loop potential"

Suspect it's for TTY as controls are:

Code 5, 6, 8/100

Loop 62.5, 20, pol, adj

and the sweep is labeled 60, 75, 100, and 100/8

Are these code levels and rates?

Like 5 level code at 60 characters per minute?

Anyway, it was coyly peeking out of a pile 'o' debris with that
'take me home, you're spouse won't mind' look, and I was weak.

-bob
wb4mnf

Date: Mon, 03 Nov 1997 09:09:42
From: Scott Townley <nx7u@primenet.com>
To: W2TU@classic.msn.com, Old Tube Radios <boatanchors@theporch.com>
Subject: Re: transmission AC-DC
Message-ID: <3.0.1.16.19971103090942.3c6f17d6@mailhost.primenet.com>

1,000kV DC lines are currently in commercial use along the west coast of the US.

There's one from Or/Wa to near LA, another from LA to a tie point in the Utah desert, and a couple of others (I think a short one in Idaho/Wyoming and it seems to me another one in CA somewhere).

At 14:25 03.11.1997 UT, Paul Bernhard wrote:

>Read with interest the posting on the DC used in transmission. DC has been
>used in the states for many years, first on an experimental basis and then

>commercially. While using DC does cut down on the IR loss and impedance
>problems with long lines the benefits are somewhat comprimised by the high
>cost of the inverters to change back and forth between AC and DC vice a very
>simple transformer. I would be interested to know where this is being used
and
>how this has been solved. Possibly with the new advances in solid state
>devices costs have come down. Thanks for much good info for class.

>
>Paul Bernhard
>w2tu@msn.com

>
>
>

Scott Townley
Gilbert, AZ
nx7u@primenet.com

Date: Mon, 3 Nov 1997 11:14:09 -0500 (EST)
From: afpgreg@state.me.us (Paul V. Gregory)
To: Boatanchors@theporch.com
Subject: Gibson's Matronly Sister
Message-ID: <199711031614.LAA26636@gatekeeper.ddp.state.me.us>

Ahoy,

All the worthwhile mail on Gibson Girls rekindled a memory of my childhood. In the mid 1960s I bought for \$5.00 from a milty surplus store a lifeboat transmitter. I don't recall the nomenclature, however.

It was enclosed in a heavy wooden suitcase (heavy for me as an 11 year old). Outside colour was a flat brown, inside the case was grey--navy boat grey, BTW. Proportions (I'm guessing) were 20" wide, 18" wide, 9" deep. I know it was of American manufacture. I had a suitcase-like handle.

Inside was a space in the painted wooden panel for a battery, storage space for the antenna, a switch for automatic transmission of "SOS" or manual operation. A key was part of the inside panel. Operating frequency was 500 kc--it must have said so somewhere on the id plate, also inside on the panel.

The keying device for auto-transmit consisted of a bakelite wafer with three dahs, three dits and associated spaces (flat spots) shaping the circumference. When engaged, the wafer spun, opening and closing a relay. Mine came with the antenna, a gangly, thick cabled monster with copper hooks.

Mine also worked! I listened to it--I think--on my Hammarlund HQ-160. Once I touched those battery terminals to the Allstate from my Dad's lawn tractor, I almost peed in my trousers. Musta been a dynamotor inside,

because it made a screaming racket! I ran it for only a matter of seconds, expecting Coast Guard choppers hovering overhead at the next moment.

Thereafter, it was stored somewhere in the basement, never to be used again. I think my parents tossed it when I went to college.

Any clue as to what was this beast?

tnx de N1ZRR, Paul

Date: Mon, 03 Nov 1997 11:15:47 -0500
From: Jim Lockwood <jmlckwd@mindspring.com>
To: boatanchors@theporch.com
Subject: HV power: not a BA topic
Message-ID: <3.0.32.19971103111537.00694328@pop.mindspring.com>

Good morning Gang,

I don't see any connection at all between 750 KV power lines and tube type amateur radio gear. (And for the health of the gear, there should probably never be any!).

The topic, while undeniably interesting to some, isn't suitable for boatanchors. I'd suggest that those who have an interest in the subject take it off line and continue the discussions via private email.

Thanks for understanding.

73,

Jim - K4CCF
(formerly KM6NK, WA4K00, WN4K00)

Looking for original QSL cards from K4CCF

Date: Mon, 3 Nov 1997 11:42:14 -0500
From: "Francis J. Townsend, III" <ftownsen@access.digex.net>
To: "Old Tube Radios" <boatanchors@theporch.com>
Subject: Unidentified Atwater Kent
Message-ID: <199711031642.LAA08586@mail3.access.digex.net>

Not a Boatanchor, but certainly an old tube radio.

I have an odd Atwater Kent breadboard. Variometers look like those from Models 1 and 2, but the rest (two tube detector and two tube amplifier using 01As) on the right doesn't match what I've seen pictured elsewhere.

A kit or homebrew?

If there are AK mavens on the list, I can scan a photo and give a URL.

Francis J. Townsend, III
Baltimore, MD
ftownsen@access.digex.net

Date: Mon, 3 Nov 1997 12:17:59 -0500 (EST)
From: JONWEINER@aol.com
To: COLLINS@listserv.tempe.gov
Cc: boatanchors@theporch.com
Subject: RE: KWM-1 problem
Message-ID: <971103121733_242869268@mrin45.mail.aol.com>

Hello all. I am doing work on a KWM-1 which needs quite a bit of attention. The 3.1 mechanical filter is faulty. I know that a capacitor failure in the mechanical filter section (don't remember which one) of the R-390A will cause the destruction of the filters. I wonder if there is a similar capacitor in the KWM-1 circuit that failed and might have caused the failure of the filter in the unit I am working on?

Jon, K1VVC

Date: Mon, 3 Nov 1997 11:48:41 -0800
From: Brian.Harris@sv.sc.philips.com (Brian Harris)
To: boatanchors@theporch.com
Subject: National 600 Watt xmtr
Message-ID: <00065383.1914@svlima.sv.sc.philips.com>

I would like to contact anyone that has or ever had (or knows someone that has or ever had), a National 600 Watt transmitter (late thirties vintage). This is a rack-mounted transmitter consisting of five units (two power supplies, a modulator, an exciter/speech amplifier and a final amplifier). Please reply by direct email. Thank you.

Brian Harris WA5UEK 'The Cosmophone Collector'

Date: Mon, 3 Nov 1997 11:35:02 -0800

From: Brian.Harris@sv.sc.philips.com (Brian Harris)
To: boatanchors@theporch.com
Subject: need email id's
Message-ID: <00065382.1914@svlima.sv.sc.philips.com>

Due to disk crash I need email id's from at least:

W2WJ Alan
W4TIM Tim
N4QB Joe

(and anyone else that wants to send me theirs for my directory)

Brian WA5UEK

Date: Mon, 3 Nov 1997 13:09:34 -0500
From: don merz <71333.144@compuserve.com>
To: boatanchors@theporch.com
Subject: War Secrets In The Ether
Message-ID: <199711031313_MC2-2694-F275@compuserve.com>

Hi. Someone I was helping out gave me an interesting book as a reward. It is called "War Secrets in the Ether" by Wilhelm F. Flicke. The cover note says that the original NSA translation was published as a 2-volume set in 1953. Then it was re-published in 1959 as a single volume by the Office of Training Services, National Security Agency, Ft. Meade. It's marked For Official Use Only and was apparently part of a reading program for officers.

"War Secrets..." is a translation of a journal/book kept from the 1930's through the end of WWII by Flicke, who held a number of administrative posts in several branches of the German intelligence apparatus during the course of his career. NSA has appended a long discussion of all the posts that Flicke held and an analysis of the accuracy of the information presented. They conclude that he was in a position to observe most if not all of the events cited in the journal.

Flicke apparently kept the journal with the intention of rewriting it into a book at the end of the war. He did that but when he went to market the manuscript NSA bought the rights from him. The book attempts to be a history of German interception of messages by radio in Austria, Germany, and Russia from 1934 through WW2 with a historical introduction that goes back to the turn of the century and covers WWI in some detail. The emphasis is not on equipment or even on methods, but rather on events and how radio interception was used to support German intelligence gathering and counter-intelligence

activity.

The translation is somewhat dry and the author sure left out a lot of detail that I would find interesting. But overall, this is a pretty worthwhile read. Has anyone seen this thing before? Is anyone aware of any other titles from this "reading program?"

Any info appreciated.

73, Don

End of BOATANCHORS Digest 1754

>From ???@??? Tue Nov 04 02:22:36 1997

Message-Id: <199711040345.VAA09360@sco.theporch.com>

Date: Mon, 3 Nov 1997 21:45:13 CST

Subject: BOATANCHORS digest 1755

BOATANCHORS Digest 1755

Topics covered in this issue include:

- 1) bent stators
by "Grumps Guide Press" <rau@wco.com>
- 2) Line noise eliminator
by sinned@VNET.IBM.COM
- 3) BA Safety-Rambling story
by "Grumps Guide Press" <rau@wco.com>
- 4) RS - Discounting
by "Don Buska" <d.buska@aaiate.com>
- 5) Re: Power Transmission
by Jeffrey Herman <jeffreyh@hawaii.edu>
- 6) QST's swap and freebies
by w1nml@juno.com (Lock Pingree)
- 7) Coil Winder Instructions
by Jderm740@aol.com
- 8) T-282/MD-141, etc. available
by Dexter Francis <cwest@xmission.com>
- 9) BA enthusiast ages
by "Ian Abbott" <ian@gene.COM>
- 10) BA enthusiast ages -Reply
by Stanley Siegel <SIEGELS@turing.law.nyu.edu>
- 11) email address needed

- by "Buzz (Wayne) Harrah" <wayne.harrah@mci.com>
- 12) BA enthusiast ages -Reply
by Tom Norris <badger@telalink.net>
 - 13) Hallicrafters WR-600 Manual
by Roger Dillon <rogerjd@gte.net>
 - 14) Collins 548T
by Roger Dillon <rogerjd@gte.net>
 - 15) Re: BA enthusiast ages -Reply
by "Ian Abbott" <ian@gene.COM>
 - 16) Military radio & misc. items FS
by "STEVE FINELLI" <navrad@enter.net>
 - 17) Re: bent stators
by EdKB2NSP@aol.com
 - 18) Collins For Sale
by Gary Harmon <gharmon@txdirect.net>
 - 19) Re: BA enthusiast ages -Reply
by "Bill Standerfer" <williame@lynx.csn.net>
 - 20) TUBES FS
by jackiv@juno.com (John M Iverson)
 - 21) Re: BA enthusiast ages-Reply
by Andre Guibert <aguibert@sympatico.ca>
 - 22) Age of BA folks
by Scott Robinson <spr@dolby.com>
 - 23) email list devoted to the R-390
by Jeffrey Herman <jeffreyh@hawaii.edu>
 - 24) Re: BA enthusiast ages
by KA9EGW@aol.com
 - 25) Re: National 600 Watt xmtr
by "Stephan Sykes" <ssykes@emirates.net.ae>
 - 26) Re: Unidentified Atwater Kent
by "Francis J. Townsend, III" <ftownsen@access.digex.net>

Date: Mon, 3 Nov 1997 10:16:48 -0800
From: "Grumps Guide Press" <rau@wco.com>
To: "boatanchors" <boatanchors@theporch.com>, <DCrespy@aol.com>
Subject: bent stators
Message-ID: <199711031816.KAA06531@shell.wco.com>

what help do you need ?.. test receivers with the caps un meshed.. and bend
the plate back into position... unless it is one of the cast type (rare)
this works fine and is how band edge tracking is often accomplished

Larry W6WUH

Date: Mon, 3 Nov 97 12:36:08 CST
From: sinned@VNET.IBM.COM
To: boatanchors@sco.theporch.com
Subject: Line noise eliminator
Message-ID: <199711031836.MAA27053@sco.theporch.com>

I have built and tested a low cost noise canceling device and will share my results with all Anchorites interested enough to read on...

The July '97 issue of CQ has one of Doug DeMaw's last projects detailed in an article, "QRN Squasher MK-III". Suffering from a noisy location myself, I bought the circuit board from FAR Circuits (\$4.25) and built the unit.

RESULTS: The line noise during initial testing was low, so I made the "noise from hell" generator that made a continuous, visible arcing. This source wiped out all reception from broadcast through TV-VHF channels in my QTH. (XYL still mad at me for messing up her TV viewing) Using my regular flat-Vee-would-be-a-dipole-in-a-big-enough-yard ladder line fed antenna system, and a 20' noise antenna, the MK-III allowed me to copy CW signals on 80 and 40 which were TOTALLY covered by QRN without the MK-III. Receivers used were SX-122 and 2A+Q-Mult. Needless to say, I'm very happy with the MK-III.

OBSERVATIONS: The MK-III does slightly reduce the received signal level when used in a non-noise situation, however, both RX's have more than enough RF gain to compensate for this. The MK-III completely eliminated the offending noise, and I still can't believe my ears! The MK-III circuit board is small, 2.5" by 2.5" and has those tiny components that make it tedious for me (50 yr. old/wears glasses) to work on. You need a fine point soldering-pencil, but the thing is simple enough so that my first attempt worked. It uses 12VDC, and has two panel knobs to set the cancellation effect.

Entire cost would be around \$20.00 if you bought most of the tiny components. I spent much less than that. Also, the MK-III has provisions for cut-off relay for use with transceivers (sacreilige) if desired. If you want the article, fellow Anchorite and tube-converter-Guru, Michael Hopkins, AB5L, has offered to provide copies for \$1.00+SASE. He's at MNHopkins@aol.com.

73 de W5FRS
sinned@vnet.ibm.com

Date: Mon, 3 Nov 1997 11:11:37 -0800

From: "Grumps Guide Press" <rau@wco.com>
To: "boatanchors" <boatanchors@theporch.com>
Subject: BA Safety-Rambling story
Message-ID: <199711031912.LAA26406@shell.wco.com>

One night i was doing some routine maintenance on my globe champ, and was also drinking a beer.

Mistake # 1.

Some how I managed to knock the can of beer off the shelf above into the running transmitter !

Mistake # 2.

This naturally tended to make things stop working...the sugar in beer makes it conductive.

After disconnecting the radio and hurriedly cleaning up the mess with paper towels and fresh water and more paper towels... I continued my dummy load testing.. all seemed OK.

Mistake # 3. (on the test bench -dummy load set up the radio was not grounded)

Next, with the transmitter plugged in and ac on but b+ and exciter off, I took a length of coax and reached over to connect the radio on the test bench to my (grounded) antenna tuner.

BIG MISTAKE # \$!)

This could have killed me.. as I played "flesh resistor" to half the PA b+. !! with one hand on the tuner and the other on the shield side of the coax. Seems harmless..doesn't it ?

In a quirky fault which took a month of trouble shooting to find discovered that .the beer had leaked onto the bakelite separator of the B+ relay arm creating a conductive carbon path...

It's way too complicated to explain this weird failure mode...but suffice it to say... this put lots of b+ on the chassis when the transmitter wasn't keyed...but which would disappear when it was ! .finding the "simple" but impossible fault involved removing the one component that seemed to be working fine.. to inspect it's invisible underside. But not before everything else had been disconnected, tested, or replaced, right down to 866 sockets.

The moral..I think, is save the beer for later, have a hefty ground lead on your test bench and use it on all your old gear with 2 wire cords...and remember the simple act of swapping antenna leads on a transmitter could be the last "little thing" you ever do. It almost was for me !

"One Hand In Your Pocket" was the old transmitter man's rule..even with my

brains scrambled I hope to remember that.

Larry W6WUH

Date: Mon, 3 Nov 1997 12:33:02 -0600
From: "Don Buska" <d.buska@aaiate.com>
To: "BoatAnchors List" <boatanchors@sco.theporch.com>
Subject: RS - Discounting
Message-ID: <97Nov3.134417cst.33154@gateway.aaiate.com>

Talking with the local RS sales girl (who was very helpful and found some discontinued stuff for me by calling around three different states for it) she indicated that when RS discontinues something they will normally drop the price on the product by 10% per month until all is gone. The DSP unit has been discontinued for well over a year now with my last one bought many months back for \$29.95, so the under \$10 figures sound right. Hopefully everyone who wants one will find them soon.

I have one on my 75A2 and 75S3 receivers (had to get the BA stuff into the message somehow) and it does work well for it's BPF and Heterodyne elimination. Just be aware that these units do NOT have noise reduction algorithm function like those \$150 and up units.

73

Don N900

Date: Mon, 3 Nov 1997 09:45:08 -1000
From: Jeffrey Herman <jeffreyh@hawaii.edu>
To: Dan Arney <kn6di@groupone.net>
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Power Transmission
Message-ID: <Pine.GS0.3.95q.971103094237.22592A-100000@uhunix5>

> JOlson8590@aol.com wrote:
> > Then at the receiving
> > end, big DC to AC convertors are used to get back to the "normal" 60
> > hz AC

Guess they're using an awfully big vibrator to accomplish that...

(How do they actually do it?)

Jeff KH2PZ

Date: Mon, 03 Nov 1997 14:51:13 EST
From: w1nml@juno.com (Lock Pingree)
To: baswaplist@foothill.net
Cc: boatanchors@sco.theporch.com
Subject: QST's swap and freebies
Message-ID: <19971103.121403.7551.1.w1nml@juno.com>

I'm looking for a few individual issues of QST's to fill in my collection.

Need: 6 1934; 1,2 1935; 5,9 1936; 7,9 1937; 12 1942.

Have the following to trade: 4,5,6,8,9 1942; 9 1943; or green backs.

These QST's are free for the postage: 3,10 1942; 8 1943; 3 1946; 2 1947; 12 1959. The above are NOT collector quality, some have damaged or missing covers, but are otherwise complete.

73, Lock

W1NML/7
AMI #639 QCWA #15033
Phoenix, AZ

Date: Mon, 3 Nov 1997 16:34:29 -0500 (EST)
From: Jderm740@aol.com
To: boatanchors@theporch.com
Subject: Coil Winder Instructions
Message-ID: <971103131052_1624090254@mrin39>

Hi

A while back someone was looking for instructions for a coil winder.
If it was a Morris Coilmaster I have a set that I'd be glad to copy and send.
If you still need them contact me at Jderm740@aol.com

Jack

Date: Mon, 03 Nov 1997 15:18:43 -0700
From: Dexter Francis <cwest@xmission.com>
To: boatanchors@theporch.com
Subject: T-282/MD-141, etc. available
Message-ID: <345E4DC3.8C6@xmission.com>

Greetings all -

While browsing thru a local boneyard I came across a
pair of T282-R's and their companion power supplies, etc.

These are in very good condition. They were apparently
taken out of service at the local air force base and
sold out for scrap. They cover the military Air band:

Description is:

Radio transmitting set, 225-400 MHz, AM, Single channel, Major
Components: T-282() or T-604, MD-141() and AT-197 or
AS-505,i Used with AN/GRR-7, TM 11-5820-270-24.

If anyone is interested, I'd be glad to go over and see what sort of
deal I could swing for them. They are HEAVY and crinkled Olive Drab. (I
could hold them here for pick up.)

-df

Visit our Web site at <http://www.xmission.com/~cwest/>
e-mail to: tubes@usa.net -or- cwest@xmission.com
(P.O. Box 22443, Salt Lake City, Utah 84122)

Date: Mon, 3 Nov 1997 14:18:44 -0800
From: "Ian Abbott" <ian@gene.COM>
To: laffitte@prtc.net
Cc: 74221.3661@compuserve.com, boatanchors@theporch.com
Subject: BA enthusiast ages
Message-ID: <9711031418.ZM20561@emerald.gene.com>

Howdy-

Regarding recent posts about the average age of Boatanchor enthusiasts-

I'm 32- if I'm not the youngest guy on the BA list I betcha I'm close.

Okay, go ahead guys, make all the "punk kid" and "knee-high to a grasshopper" wisecracks! I can take it.

My BA interest is probably traceable to my father's influence- he was a career Navy engineer, in from 1952-1982, retired as a Captain. In the '50s and '60s he built his own hi-fi gear, and he picked up a degree in Electrical Engineering from the Navy Postgraduate School during the Boatanchor era. I also fell under the spell of his snapshots and home movies of destroyers and carriers in the '50s and '60s. His father was in the Air Corps during WWII, so there were also lots of picture books full of pistons and props around the house when I was young (!) and impressionable.

I found "The Boys First Book of Radio and Electronics" by Alfred Morgan in the backwaters of our suburban library around 1975. It described a one-tube regen receiver, and I built one- with a 1T4 running off of a 22.5V B battery!- from a kit shortly after that. Sitting in the dark looking at that glowing tube, I listened to the magic that only comes from a radio you built yourself- and I was hooked for good.

Cheers!

IEA

--

Action figure and accessories sold separately. Some assembly required.

~~~~~%~~~~~  
Ian E. Abbott | abbott.ian@gene.com %  
Genentech, Inc. | Voice: 650.225.1793 %  
Fermentation/Recovery | Pager: 650.655.9160 <"{}{}{}"><  
Information Systems Group | Fax: 650.225.3541 \_| \_|

-----  
Date: Mon, 03 Nov 1997 17:43:20 -0500  
From: Stanley Siegel <SIEGELS@turing.law.nyu.edu>  
To: ian@gene.COM, boatanchors@theporch.com

Subject: BA enthusiast ages -Reply  
Message-ID: <s45e0d14.002@turing.law.nyu.edu>

My guess is that for most BA collectors, the attempt to hold on to something from their youth is only a small part of the lure of the old radios. Of course, for a "middle ager" like me (age 56, licensed 43 years), it's partly a matter of owning and operating the radios I could never afford -- and only admired from a distance -- when I was a kid.

But most of the pleasure is the "magic" of radio, the physical beauty of the transmitters and receivers, the glow of the tubes, and the sense -- still there after all these years -- that it's pretty amazing that the little man in Paris manages to squeeze himself into the loudspeaker on my desk.

That doesn't turn on age. You can be 56, 36 or 6 years old, and still feel the magic. In fact, the problem is that we probably have brought up a generation of children to be adults too quickly, we've told them that old radios are simply toys, and silly toys at that.

So it's reassuring that a younger generation or two can recapture the sheer joy of working with components that you can actually see and touch (something of a pleasure to my bifocaled eyes), that physically embody the principles of radio, and that still work as well as -- and in many cases better than -- most of the modern compact boxes.

Anyway, it's important that somebody be there to carry the torch when the older ones among us have to pass it on. We never really "own" these radios, after all. Like everything priceless, we have only a lease on them, and we need to be thinking about introducing our younger colleagues to their pleasures, so that they can continue to be enjoyed and used after we're gone.

No, my radios are not for sale yet!!

73, Stan W2ST (Collins, Signal One, test equipment, miscellaneous National, Hallicrafters, Johnson, etc. Whatever lights up and is worth restoring).

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Date: Mon, 03 Nov 1997 16:46:34 -0600  
From: "Buzz (Wayne) Harrah" <wayne.harrah@mci.com>  
To: boatanchors@theporch.com  
Subject: email address needed  
Message-ID: <345E544A.2830@mci.com>

Hamfest update:

Des Moines hamfest was snowed-up this year. Was on Oct. 24. The WeatherGuessers were dead-wrong; forecasted light dusting; instead got up to 10" in some spots, heavy, slush. Broke trees and power lines all over southern 2/3 of state. Attendance was way DOWN as a result. Here is what I saw initially for sale:

KWM2- priced 'right' at \$200.00 (POUNDING HEART!). Then, remembered old adage about "too good to be true...", and so I hesitated. It sold to a guy right behind me, a Collins retiree. I was later told that it had many internal problems AND (NO!!!) a fuse holder in the >gulp< upper left front face! Jeezzzzzzz....

HQ170. Seemed nice enough, priced at \$175. Hadn't sold when I left.

Jim, KA0VSL brought a Ranger II, an SX-101 and an HT-37 for BA display (Public Relations only) and, as it turned out, SOLD (!) both the Ranger II AND the SX-101. Ranger II (very, very nice, w/D-104 and manual) went to K0AL. SX-101 (very nice also, one small knick, top repainted) went for \$150 to some SWL.

Through strange series of events, I eventually ended up with the SX-101, which I went back to DSM to pick up yesterday. The guy who had bought it (an SWL) decided his back couldn't handle the weight! (I would have thought that the physical SIZE would give that away, wouldn't you? :-|

I had left him my name at the fest, and he called me that evening to ask if I was interested! (I guess with all the snow, he about killed himself carrying it.) He himself is into Trans-Oceanics. It worked as Jim had reported it, so, picked it up 'at cost'. He also had a very nice SX-110 which I picked up reasonably. Now I have to decide what to get rid of! (Yeah, sure, >snicker<). Really. Honest. SX-101 is nice upgrade from my SX-111.

BTW, Jim, KA0VSL, please email me direct if you would- the original buyer of your SX-101 (the SWL guy, Gary) said you were going to send HIM your manual for it. Please contact me, so I can make arrangements for it instead, if you don't mind.

Had a nice time meeting KA0VSL and (as always) learning from my 'local' BA mentor, K0AL.

Maybe el Nino has made an appearance, afterall, but, not to offend the naturalists on the list, it seems that 'global warming' wasn't evident that Sunday! :-) (don't flame me, I'm joking!)

Sorry for the BW. Going to hamfest with NO MONEY, and I still ended up with a two radios!

Buzz, ke0ms

--

\*\*\*\*\*

\* 'Buzz' (Wayne) Harrah \*

\* mailto:Wayne.Harrah@mci.com \*

\* 1-800-728-7000, ext. 2096 \*

\*\*\*\*\*

proverb: Some questions are unanswerable; some answers are questionable.

-----

Date: Mon, 03 Nov 1997 17:54:38 -0600

From: Tom Norris <badger@telalink.net>

To: boatanchors@theporch.com

Subject: BA enthusiast ages -Reply

Message-ID: <3.0.3.32.19971103175438.007d2610@telalink.net>

Well, I guess it is my turn to pipe up and say something on the subject.

I am 35 years old. Yep, just 35. Been playing with Boatanchors since about 12 though if that counts toward anything.....

So, Ian, I am not THAT far ahead of you age-wise, and there ARE younger folks here on the list!

All that time in my "formative years" I \*could\* have played with nice safe solid state, but I found tubes to be much more fun... :-)

The "town ham" down the street made me "turn over to the tube side of the force"

after I saw all his wonderful and BIG ( 833's everywhere...) homebrew gear that filled his basement, the early 50's vintage Collins station in the upstairs

shack, and the TR4CW in the living room by his easy chair. His call was W4NGZ ( a call now held by a relative of his...) and I dont think he had a single piece of solid state in the house. He was always giving me some old this or that

to fix or use or experiment with - all tube of course.

73

Tom Norris KA4RKT

badger@telalink.net

-----  
Date: Mon, 3 Nov 1997 18:15:50 -0600  
From: Roger Dillon <rogerjd@gte.net>  
To: "'boatanchor list'" <boatanchors@theporch.com>  
Subject: Hallicrafters WR-600 Manual  
Message-ID: <01BCE885.1259CA20@1Cust107.tnt5.dfw5.da.uu.net>

Anyone need an original manual for this receiver?  
In case of multiple requests I can make copies.  
Cost is free. (it's only 14 pages)

73

Roger Dillon N5PGH  
rogerjd@gte.net

-----  
Date: Mon, 3 Nov 1997 18:19:01 -0600  
From: Roger Dillon <rogerjd@gte.net>  
To: "'boatanchor list'" <boatanchors@theporch.com>  
Subject: Collins 548T  
Message-ID: <01BCE885.1B73CE80@1Cust107.tnt5.dfw5.da.uu.net>

Can anyone tell me about this amplifier?  
It contains a 4cx600 tube and seems to want 400 cycle power.  
I have been unable to find an any info in the mil lists.

73

Roger Dillon  
rogerjd@gte.net

-----  
Date: Mon, 3 Nov 1997 16:33:21 -0800  
From: "Ian Abbott" <ian@gene.COM>  
To: Stanley Siegel <SIEGELS@turing.law.nyu.edu>  
Cc: 74221.3661@compuserve.com, boatanchors@theporch.com  
Subject: Re: BA enthusiast ages -Reply  
Message-ID: <9711031633.ZM18826@emerald.gene.com>

Hi-

While we're waxing philosophical...

(Sound of soapbox being dragged on stage. A handsome but modest figure mounts the makeshift podium as the crowd of unusually intelligent folks fills the hall...)



On Nov 3, 5:43pm, Stanley Siegel wrote:

(snip)

> But most of the pleasure is the "magic" of radio, the physical beauty of  
> the transmitters and receivers, the glow of the tubes, and the sense --  
> still there after all these years -- that it's pretty amazing that the  
little man  
> in Paris manages to squeeze himself into the loudspeaker on my desk.

Stan's point about the physical aesthetic is well taken. Modern solid state transceivers are marvels of electronic and mechanical engineering- surface-mounted integrated circuits are objectively impressive achievements. But they're assembled by robots and often you just swap boards to fix modern gear- you don't isolate a component and its relationship with other discrete components. Boatanchor gear was assembled by human hands, and you can test, fix, or just admire the discrete components and their relationships in a system.

Boatanchors have soul, and if you pay attention they tell stories of the people who designed them, built them, and used them when they were new.

The glow of tubes is a related but additional quality. It's not too far out to speculate that glowing filaments touch the same primeval imprint that makes a campfire attractive.

(Aside- A lot of the tube audio being peddled today is overpriced and badly engineered, and some of it is proof that a sucker \*is\* born every minute. But almost all of it hangs the tubes out where their glow becomes part of the experience, and that glow sells a lot of older gear for prices far beyond what I think it's worth. That magical red-orange glow is just icing on the cake for well-designed tube gear that puts much- but not all- solid state gear to shame in presenting life-like music.)

> That doesn't turn on age. You can be 56, 36 or 6 years old, and still feel  
> the magic. In fact, the problem is that we probably have brought up a  
> generation of children to be adults too quickly, we've told them that old  
> radios are simply toys, and silly toys at that.

And if someone views old radios simply as toys, they're missing the point that we wouldn't have the radios of today without the radios of yesterday. In my not so humble opinion one can't fully appreciate today's technology without understanding how the underlying physical phenomena were discovered and how the engineering problems were solved with yesterday's resources. A Kenwood/Icom/Yaesu is all the more impressive in some ways when compared and contrasted with an ARC-5 set, for example. The technology and experience of the past facilitated the present, they aren't separate subjects. (Of course

this is true for all technology- we wouldn't have 747s if Boeing hadn't built the 707 using the experience they gained on the B-47 which was inspired by the swept-wing research of the Germans...)

(snip)

> 73,        Stan    W2ST  
>  
>-- End of excerpt from Stanley Siegel

(The speaker steps off the soapbox and drags it quietly off-stage...)

Cheers!

IEA

--

Action figure and accessories sold separately. Some assembly required.

~~~~~%~~~~~  
Ian E. Abbott | abbott.ian@gene.com %
Genentech, Inc. | Voice: 650.225.1793 %
Fermentation/Recovery | Pager: 650.655.9160 <"{}{}{}{}"><
Information Systems Group | Fax: 650.225.3541 _| _|

Date: Mon, 3 Nov 1997 19:57:57 -0500
From: "STEVE FINELLI" <navrad@enter.net>
To: <boatanchors@theporch.com>
Subject: Military radio & misc. items FS
Message-ID: <199711040057.TAA28346@mail.enter.net>

Hi,
I posted a list of items a few days ago that I have for sale.
I received many replies.
Unfortunately, some of the replies were accidentally deleted.
If you responded to my posting & haven't received a reply, please e-mail me again.
I'm sorry if this has caused any problems.

73,

Steve Finelli N3NNG
navrad@enter.net

Date: Mon, 3 Nov 1997 20:00:12 -0500 (EST)
From: EdKB2NSP@aol.com
To: rau@wco.com, boatanchors@theporch.com
Subject: Re: bent stators
Message-ID: <971103195603_1568774000@emout06.mail.aol.com>

In a message dated 97-11-03 13:18:50 EST, rau@wco.com writes:
> what help do you need ?.. test receivers with the caps un meshed.. and bend
>the plate back into position... unless it is one of the cast type (rare)
> this works fine and is how band edge tracking is often accomplished

>Larry W6WUH

Hi Larry and the group !

Is that why the outermost rotor plates are sometimes slotted ? For band
edge adj ?

Ed K.

Date: Mon, 03 Nov 1997 19:07:37 -0600
From: Gary Harmon <gharmon@txdirect.net>
To: COLLINS@LISTSERV.TEMPE.GOV
Cc: boatanchors@theporch.com, BOATANCHORS@LISTSERV.TEMPE.GOV
Subject: Collins For Sale
Message-ID: <3.0.3.32.19971103190737.006e97a0@mail.txdirect.net>

Contact Gene Swearingen at (210) 349-0020 if you are interested in the
following items.....

32S3//75S3 w/CW filter//516F2//manuals
Gene says 9+ condition

312B5//manual
Gene says 9+ condition

MM-1 mobile mike with original Collins plug
Gene says 9+ condition

Remember.....call Gene, not me!

Good luck and 73,

gary

=====
Gary H. Harmon, Jr., K5JWK
6302 Robin Forest
San Antonio, TX 78239-3218
(210) 657-1549
gharmon@txdirect.net

+Too Many Projects, Not Enough Time!
++Better to Have and Not Need than to Need and Not Have!
+++Pack Unto Others As You Would Have Them Pack Unto You!
=====

Date: Mon, 3 Nov 1997 18:25:16 +0000
From: "Bill Standerfer" <williame@lynx.csn.net>
To: boatanchors@theporch.com
Subject: Re: BA enthusiast ages -Reply
Message-ID: <199711040126.SAA07455@ns-1.csn.net>

Stanley Siegel <SIEGELS@turing.law.nyu.edu> wrote:

> My guess is that for most BA collectors, the attempt to hold on to
> something from their youth is only a small part of the lure of the old
> radios. Of course, for a "middle ager" like me (age 56, licensed 43
> years), it's partly a matter of owning and operating the radios I could
> never afford -- and only admired from a distance -- when I was a kid.

That's a large part of the attraction for me (46 and licensed for 31
years). I still have one of the mid-60s Newark catalogs that I used to
drool over daydreaming about the Hammarlunds and other gear they used
to carry. Well, now I've managed to put together a nice collection
of the stuff and I was right - most of it is pretty good gear.

One of the things I find interesting is the way the designers found
solutions to many of the problems that plagued the art in the 50's
and 60's. Hammarlund and Hallicrafters found selectivity in very low
frequency IFs while Collins' solution was to create the mechanical
filter. Hammarlund figured that you'd need a little help tuning
those new sideband signals, so they added a nice little +-3kc vernier
tuning knob on the 170 and 180 receivers. And National met the
market demand for "digital" readout with a nifty mechanical system on
the NCX-5. Collins had, of course, beaten them to the punch 10+
years earlier with the R-390 tuning arrangement.

I'm really not much interested in equipment from the 40's or

earlier. I suspect that's because I had no direct contact with it and because of the small knob to panel space ratio. A BC-348 with its relatively sparse panel will lose (for me) every time to one of the big receivers of the late 50's with lots of gadgets to play with. :-)

> Anyway, it's important that somebody be there to carry the torch when
> the older ones among us have to pass it on. We never really "own"
> these radios, after all. Like everything priceless, we have only a
lease
> on them, and we need to be thinking about introducing our younger
> colleagues to their pleasures, so that they can continue to be enjoyed
> and used after we're gone.

I still have a long term lease on mine, but I have to wonder what will happen to them when I no longer need them. Hopefully they'll find their way to some inspired person who will continue to enjoy them as much as I do now.

Bill Standerfer - W0GM - Baron N222AB
Fort Collins, Colorado
williams@csn.net

Date: Mon, 3 Nov 1997 17:54:01 CST
From: jackiv@juno.com (John M Iverson)
To: <boatanchors@sco.theporch.com>
Subject: TUBES FS
Message-ID: <19971103.175437.3470.1.jackiv@juno.com>

HI to all I have a few fire bottles for sale.

4- T-40 n

6- 4D32 u

3- 874 n

MANY 1625

Many more 1626

2 35T

various other stuff. maybe even a HT-32 meter

tnx jack 73 all reply to e-mail address only. FWIW 73
in january good health , good martinis.

Jack Iverson K0EWU jackiv@juno.com RCA QCWA ARCI IEEE,LM ARRL

Date: Mon, 3 Nov 1997 21:17:26 -0500 (EST)
From: Andre Guibert <aguibert@sympatico.ca>

To: boatanchors@theporch.com
Subject: Re: BA entousiast ages-Reply
Message-ID: <199711040217.VAA05316@smtp1.sympatico.ca>

Hi a tous

One of the reward of being BA entousiast is having some of your equipment on display without their cases, and having a young and middle age audience tell you that it is the first time that they have seen caps., resistors, inductances, IF cans, lit tubes with their sockets and wiring life size. Its so much simpler to explain things one after the other, they see the parts not a piece of plastic. For quite a few of them they see how the pieces fit in the puzzle.

Andre

65 year old and very lucky to have seen the birth of the Boatanchors and being kept alive by the group.

Date: Mon, 03 Nov 1997 18:28:02 -0800
From: Scott Robinson <spr@dolby.com>
To: boatanchors@theporch.com
Subject: Age of BA folks
Message-ID: <345E8832.3AB7D8E1@dolby.com>

Folks,

A friend of mine at work, a drafter turned CAD operator, is , I suppose, about 40 eyars old.. He has an old Zenith console radio (10 tubes, 1942 vintage) that he got in partnership with me because he liked the way it looked. Of course I fully electronically restored it befoe turning it over to him However, I wish to quote his question to me before he saw the underside of the chassis:

"If there's no printed circuit board, how do you mount the parts?"

Once he saw point-to-point wiring it was perfectly clear, but he had never seen it before. Amazing...

Regards,

Scott Robinson
spr@earthlink.net

Date: Mon, 3 Nov 1997 16:28:24 -1000
From: Jeffrey Herman <jeffreyh@hawaii.edu>
To: Boatanchors List <boatanchors@sco.theporch.com>,
Boatanchors II <boatanchors@listserv.tempe.gov>
Subject: email list devoted to the R-390
Message-ID: <Pine.GS0.3.95q.971103162630.22271A-1000000@uhunix3>

Hi Gang,
There is now an email list devoted to the R-390 receiver. Contact me
and I'll forward the info to you. 73, Jeff KH2PZ / KH6

Date: Mon, 3 Nov 1997 21:52:40 -0500 (EST)
From: KA9EGW@aol.com
To: boatanchors@theporch.com, ham-boatanchors@listserv.tempe.gov
Subject: Re: BA enthusiast ages
Message-ID: <971103192337_1035281473@emout09.mail.aol.com>

Myself, I'm 36--been into tube-type gear since the day I decided to go for my license back in '78. I was already a BCB DXer at the time, and the Hammarlund HQ180A was at that time considered the ne plus ultra for BCB DX in this area.

When I got my ham ticket, I went to The Radio-TV Lab (Chicago's last old-time radio store; been in the same place for 50 years, run by the same guy, George WA9JEZ--and I don't think the place has been cleaned out in that time, hi!) and it took me about 5 seconds of quick cost comparison to decide a Heathkit AT1 was the way I was going to go for a tx (with the HW8 at \$149 at that time, if I remember right) and a clean, no-mods AT1 for \$35, there was no choice. How i wish I still had that AT1.

Over the years, I periodically went to see George to "trade up"--from the AT1 to an Eico720/HG10B, to an Apache/SB10, to a Johnson Invader 200 (wish I had kept it too)...then I got a "real" job and bought a TS440...sold it within a few months...got another one...dumped it too...went through other solid-state rigs and 3 years ago acquired a 75S3/32S3.

Through it all, I've used the faithful R388 my folks got me for me 19th birthday--still have it, it still works FB, although it's getting to where it could use a cosmetic restoration.

And my next tx project? A 6AG7-6L6 (AT1 clone) driven by a T195 PT0. I'm

going to cheat though and use the tank circuit from a junked Viking2...and an HP23B for p/s.

And so it seems I've come full-circle...although now that I own my own home and have carte blanche wiring-wise, 220 in the shack is a reality...or will be when i'm done with the wiring job I'm in the middle of as I write this.

Ah well, I have power to the coffeemaker, the water heater, the rig and the bathroom light so all is well...

73 de KA9EGW

73

Date: Tue, 4 Nov 1997 06:27:19 +0400
From: "Stephan Sykes" <ssykes@emirates.net.ae>
To: <Brian.Harris@sv.sc.philips.com>,
"Old Tube Radios" <boatanchors@theporch.com>
Subject: Re: National 600 Watt xmtr
Message-ID: <01bce8c9\$2cd8af80\$0100a8c0@ssykes>

I wonder if the transmitter from Jim Millen's shack fits the bill? Maybe John Ward could let you know.

Steve Sykes

KD20M

-----Original Message-----

From: Brian Harris <Brian.Harris@sv.sc.philips.com>
To: Old Tube Radios <boatanchors@theporch.com>
Date: Tuesday, November 04, 1997 5:53 AM
Subject: National 600 Watt xmtr

>I would like to contact anyone that has or ever had (or knows someone that has

>or ever had), a National 600 Watt transmitter (late thirties vintage).

This is

>a rack-mounted transmitter consisting of five units (two power supplies, a
>modulator, an exciter/speech amplifier and a final amplifier). Please
reply by

>direct email. Thank you.

>

>Brian Harris WA5UEK 'The Cosmophone Collector'

>

Date: Mon, 3 Nov 1997 22:43:44 -0500

From: "Francis J. Townsend, III" <ftownsen@access.digex.net>
To: "Old Tube Radios" <boatanchors@theporch.com>
Subject: Re: Unidentified Atwater Kent
Message-ID: <199711040344.WAA26515@mail4.access.digex.net>

> Recollecting from memory, here at work, that sounds more like a Model 12
than any
> thing else that I remember. I have a Model 10B, which has a 1 tube
detector island
> and a 2 tube amplifier island. I can hunt your radio up in my reference
if you scan
> a picture, if you wish.

Thanks John (and everyone else) so far assisting with the AK identquest.

To "save time" I took a picture with a Polaroid Captiva. Ten failures
later and AN HOUR of messing about with Graphic Workshop I finally got 1
picture I can see something on. Aarrgh!!

Here it is: <http://www.access.digex.net/~ftownsen/a-k-fr1.jpg>

The board is 24-1/4 by 7-1/2 inches.

The detector island is light green in color while the amplifier island on
the end is painted a brown wrinkle finish. Both are labeled "Type TA."
There is no model designation on the bottom of the board.

The variometers don't have the little (I think) crank I've seen on pictures
of sets later than Model 2.

Between the islands towards the front of the set is a 1/8" hole drilled in
the board with a 1/2" square darkened outline superimposed where something
has been removed.

The set was "found in a barn" and the owner would like (I think) for me to
buy it from him.

Frank

Francis J. Townsend, III
Baltimore, MD
ftownsen@access.digex.net

End of BOATANCHORS Digest 1755
